

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/544,284B  
Source: IFWP  
Date Processed by STIC: 2/10/07

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

## Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: <u>10/544,284B</u>
<b>ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE</b>		
1 ____ Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor <b>after</b> creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 ____ Invalid Line Length	The rules require that a line <b>not exceed</b> 72 characters in length. This includes white spaces.	
3 ____ Misaligned Amino Numbering	The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do <b>not</b> use tab codes between numbers; use <b>space characters</b> , instead.	
4 ____ Non-ASCII	The submitted file was <b>not</b> saved in ASCII(DOS) text, as <b>required</b> by the Sequence Rules. <b>Please ensure your subsequent submission is saved in ASCII text.</b>	
5 ____ Variable Length	Sequence(s) ____ contain n's or Xaa's representing more than one residue. <b>Per Sequence Rules, each n or Xaa can only represent a single residue.</b> Please present the <b>maximum</b> number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 ____ PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. <b>This applies to the mandatory &lt;220&gt;-&lt;223&gt; sections for Artificial or Unknown sequences.</b>	
7 ____ Skipped Sequences (OLD RULES)	Sequence(s) ____ missing. If intentional, please insert the following lines for <b>each</b> skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to <b>include</b> the skipped sequences.	
8 ____ Skipped Sequences (NEW RULES)	Sequence(s) ____ missing. If <b>intentional</b> , please insert the following lines for <b>each</b> skipped sequence. <210> sequence id number <400> sequence id number 000	
9 ____ Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is <b>MANDATORY</b> if n's or Xaa's are present. In <220> to <223> section, please explain location of <b>n</b> or <b>Xaa</b> , and which residue <b>n</b> or <b>Xaa</b> represents.	
10 ____ Invalid <213> Response	Per 1.823 of Sequence Rules, the only <b>valid</b> <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is <b>required</b> when <213> response is Unknown or is Artificial Sequence. (see item 11 below)	
11 ____ Use of <220>	Sequence(s) ____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is <b>MANDATORY</b> if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules	
12 ____ PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 ____ Misuse of n/Xaa	<b>"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid</b>	



IFWP

## RAW SEQUENCE LISTING

DATE: 02/10/2007

PATENT APPLICATION: US/10/544,284B

TIME: 09:53:52

Input Set : A:\corrected 70235USPCT.ST25.txt

Output Set: N:\CRF4\02102007\J544284B.raw

3 <110> APPLICANT: Brown, Devon  
 4 Campos, Manuel  
 5 Dalmia, Bipin  
 6 Demarest, Stephen  
 7 Hansen, Genevieve  
 8 Heifetz, Peter B.

10 <120> TITLE OF INVENTION: Expression in plants of antibodies against enterotoxigenic  
 11 Escherichia coli

13 <130> FILE REFERENCE: 70235USPCT

15 <140> CURRENT APPLICATION NUMBER: 10/544,284B

16 <141> CURRENT FILING DATE: 2005-08-02

18 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/001427

19 <151> PRIOR FILING DATE: 2004-02-16

21 <150> PRIOR APPLICATION NUMBER: US 60/448,429

22 <151> PRIOR FILING DATE: 2003-02-18

24 <160> NUMBER OF SEQ ID NOS: 80

26 <170> SOFTWARE: PatentIn version 3.3

28 <210> SEQ ID NO: 1

29 <211> LENGTH: 399

30 <212> TYPE: DNA

31 <213> ORGANISM: artificial sequence

33 <220> FEATURE:

34 <223> OTHER INFORMATION: codon optimised

36 <400> SEQUENCE: 1

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39 aagctctcct gcgcgcctc cggcttcacc ttctccgact acttcatgtc ctggattcgc	120
41 cagaccccgagg agaagcgctt ggagtgggtc gccaccatca acaacggcgg ctcccacacc	180
43 tactgctccg acaacgtgaa gggccgcttc accaccttcc gcgacaacgt gaagaacacc	240
45 ctctacctcc agatgtcctc cctcaacttc gaggacaccg ccatgtacta ctgcgcccgc	300
47 gcctactacc gcttcgacgt gcgcgcctgg ttctcctact ggggccaggg caccctcgtg	360
49 accgtgtcca cggccaagac caccgcgcgg tccgtctac	399

52 <210> SEQ ID NO: 2

53 <211> LENGTH: 582

54 <212> TYPE: DNA

55 <213> ORGANISM: artificial sequence

57 <220> FEATURE:

58 <223> OTHER INFORMATION: codon optimised

60 <400> SEQUENCE: 2

61 agtgacatcc tcctcaccga gtccccggcc atcctctcca tgatccccgc ccagcgcgtg	60
63 tccttctcct gccgcgcctc ccagatcatc ggcaccacca tccactgggt ccagcagcgc	120
65 accgacggct cccgcgcctt cctcatccag tgcgctcccg agtccatctc cggcatcccg	180
67 tcccgtttct ccggcaccgg ctccggcacc gacttcaccc tcaacttcaa ctccgtggag	240
69 tccgagtaca tcaccgacta ctactgccag cagtccaaca cctggccgac ctaccgcgtc	300

see pp 1-46

Does Not Comply  
Corrected Diskette Neededwhat is its' source? (e.g. viral?)  
see item 11on Enon  
summary  
sheet

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DATE: 02/10/2007

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TIME: 09:53:52

Input Set : A:\corrected 70235USPCT.ST25.txt

Output Set: N:\CRF4\02102007\J544284B.raw

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71 ggcgggcgga ccaagctcga gatcaagcgc gccgacgcg ccccgaccgt gtccatcttc 360
73 ccgccgtcct ccgagcagct cacctccggc ggcgcgtcg tgggtgtgctt cctcaadaac 420
75 ttctaccgga aggacatcaa cgtgaagtgg aagatcgacg gctccgagcg ccagaacggc 480
77 gtgctcaact cctggaccga ccaggactcc aaggactcca cctactccat gtccctccacc 540
79 ctcaccctca ccaaggacga gtacgagcgc cacaactcct ac 582
82 <210> SEQ ID NO: 3
83 <211> LENGTH: 399
84 <212> TYPE: DNA
85 <213> ORGANISM: mouse
87 <400> SEQUENCE: 3
88 actagtgaag tgcaactggg ggagtctggg ggaggcttcg tgaagcctgg agggtccttg 60
90 aaactctcct gtgcagcctc tggattcact ttcagtgaact atttcattgc ttggattcgc 120
92 cagactccgg aaaagagggt ggagtgggtc gcaaccatta ataatgggtg tagtcacacc 180
94 tactgttcag acaatgtgaa gggacgattt acaactttca gagacaatgt caaaaacacc 240
96 ctgtaccttc aaatgagcag tctgaacttt gaggacacag ccatgtatta ctgtgcaaga 300
98 gcctactata ggttcgacgt gagggcctgg ttttcttatt ggggccaagg gactctggtc 360
100 actgtctcta cagccaaaac gacaccccca tctgtctac 399
103 <210> SEQ ID NO: 4
104 <211> LENGTH: 330
105 <212> TYPE: DNA
106 <213> ORGANISM: mouse
108 <400> SEQUENCE: 4
109 actagtgaac tcttgctgac tcagtctcca gccatcctgt ctatgattcc aagacaaaga 60
111 gtcagtttct cctgcagggc cagtcagatc attggcaca ccatacactg gtctcagcaa 120
113 agaacagatg gttctcctag gcttctcata cagtgtgctt ctgagtctat ctctgggatc 180
115 ccttccaggt ttagtggcac tggatcaggg acagatttta ctcttaactt caacagtgtg 240
117 gagtctgaat atattacaga ttattactgt caacaaaagta atacctggcc aacgtacccg 300
119 ttcggagggg ggaccaagct cgagataaaa 330
122 <210> SEQ ID NO: 5
123 <211> LENGTH: 396
124 <212> TYPE: DNA
125 <213> ORGANISM: artificial sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: codon optimised
130 <400> SEQUENCE: 5
131 actagtgaag tgcagctcgt ggagtccggc ggcgccctcg tgcagccggg cggtcccgcc 60
133 aagctctcct gcgcgcctc cggttcacc ttctcctcct tcgccatgca ctgggtgctc 120
135 caggccccag agaagggcct ggagtgggtg gcctacatct cctccggctc catcaccatc 180
137 tactacgccc acaccgtgaa gggccgcttc accgtgtccc gcgacaacc gaagtccacc 240
139 ctcttctctc agatgacctc cctccgcagc gaggacaccg ccatgtacta ctgcgcccgc 300
141 gacgactacg gtcctccgg ctggtacttc gacgtctggg gcgctggcac cacggtgacc 360
143 gtgtcctcgg ccaagaccac cccgccgtcc gtctac 396
146 <210> SEQ ID NO: 6
147 <211> LENGTH: 336
148 <212> TYPE: DNA
149 <213> ORGANISM: artificial sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: codon optimised
154 <400> SEQUENCE: 6

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Input Set : A:\corrected 70235USPCT.ST25.txt

Output Set: N:\CRF4\02102007\J544284B.raw

155 actagtgaca tegtgatgtc ccagtccccg tcttccctcg ccgtgtccgc tggcgagaag 60  
 157 gtcaccatgt cctgcaagtc ctcccagtc ctctcaact cccgcacccg caagaactac 120  
 159 ctgccttgt atcagcagaa gccggggccag tccccgaagc tctcatcta ctgggcctcc 180  
 161 accgcgcagt ccggcgtgcc ggaccgcttc accggctccg gctccggcac cgacttcacc 240  
 163 ctccaccatct cctccgtgca ggcggaggac ctccgctgt actactgcac ccagtcctac 300  
 165 aacctcctca ccttcggcgc cgggtaccaag ctcgag 336  
 168 <210> SEQ ID NO: 7  
 169 <211> LENGTH: 393  
 170 <212> TYPE: DNA  
 171 <213> ORGANISM: artificial sequence  
 173 <220> FEATURE:  
 174 <223> OTHER INFORMATION: anti0k88 codon optimised VH from 36-41  
 176 <400> SEQUENCE: 7  
 177 actagtgagg tccagctgca gcagtctgga cctgaactag tgaagactgg ggcttcagtg 60  
 179 aagatatcct gcaaggcttc tgattactca ctactgatt actacatgca ctgggtcaag 120  
 181 cagagccatg gagagagcct tgagtggatt ggatatatta atttttacaa tgggtgctact 180  
 183 aactacaacc agaagttcaa gggcaaggcc acatttactg tagacacatc ctccagcaca 240  
 185 gtctacatgc agttcaacag cctgacatct gaagactctg cgggtctatta ttgtgtaaga 300  
 187 gaagcattac tacggaacta tgctatggac tactgggggtc aaggaaacctc agtcaccgtc 360  
 189 tcctcagcca aaacgacacc cccatctgtc tac 393  
 192 <210> SEQ ID NO: 8  
 193 <211> LENGTH: 324  
 194 <212> TYPE: DNA  
 195 <213> ORGANISM: artificial sequence  
 197 <220> FEATURE:  
 198 <223> OTHER INFORMATION: anti0K88 codon optimised VL from 36-41  
 200 <400> SEQUENCE: 8  
 201 actagtgaag atgtgctcac ccagtctcca gcaatcatgt ctgcatctcc aggggaaaaa 60  
 203 gtcaccatga cctgcagggc cagctcaagt gtaagttccc gttacttgca ctgggtaccag 120  
 205 cagaagtcag gtgcctcccc caaactctgg atttatagca catccaactt ggcttctgga 180  
 207 gtccctgctc gcttcagtgg cagtgggtct gggacctctt actctctcac aatcagcagt 240  
 209 gtggaggctg aagatgctgc cacttattac tggcagcaat acagtgggta cccgtggacg 300  
 211 ttcgggtggag gcaccaagct cgag 324  
 214 <210> SEQ ID NO: 9  
 215 <211> LENGTH: 408  
 216 <212> TYPE: DNA  
 217 <213> ORGANISM: artificial sequence  
 219 <220> FEATURE:  
 220 <223> OTHER INFORMATION: anti0K88 codon optimised VH from 7-46  
 222 <400> SEQUENCE: 9  
 223 actagtgaag tgaagcttga ggagtctgga ggaggcttgg tgcaacctgg aggatccatg 60  
 225 agactctcct gtgttgccctc tggattcact ttcagtaact actggatgaa ctgggtccgc 120  
 227 cagtctccag agaaggggct tgagtgggtt gctgaaatta gattgacatc taataatttt 180  
 229 gcaacacatt atgcggagtc tgtgaaaggg aggttcacca tctcaagaga tgattccaaa 240  
 231 agtagtgtct acctgcaaat gaacaactta agagtgaag aactggcat ttattactgt 300  
 233 accaggcctt actacggtgg taggttcttc tactgggtact tcgatgtctg gggcgcaggg 360  
 235 accacggtca ccgtctcctc aacccaaaacg acaccccat ctgtctac 408  
 238 <210> SEQ ID NO: 10  
 239 <211> LENGTH: 324

*What's  
source?*

## RAW SEQUENCE LISTING

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TIME: 09:53:52

Input Set : A:\corrected 70235USPCT.ST25.txt

Output Set: N:\CRF4\02102007\J544284B.raw

240 <212> TYPE: DNA

241 <213> ORGANISM: artificial sequence *what's source?*

243 <220> FEATURE:

244 <223> OTHER INFORMATION: anti-K88 codon optimised VL from 7-46

246 <400> SEQUENCE: 10

247 actagtga aa ttgtgtctcac ccagttctcca accaccatgg ctgcatctcc cgggggagaag 60

249 atcactatca cctgcagtg cagctcaagt ataagttcca attacttgca ttggtatcag 120

251 cagaagccag gattctcccc taaactcttg atttatagga catccaatct ggcttctgga 180

253 gtcccagttc gcttcagtg cagtgggtct gggacctctt actctctcac aattggcacc 240

255 atggaggtcg aagatgttgc cacttactac tgccagcagg gtaatagtat accattcacg 300

257 ttcgggtcgg ggacaaagct cgag 324

260 <210> SEQ ID NO: 11

261 <211> LENGTH: 363

262 <212> TYPE: DNA

263 <213> ORGANISM: mouse

265 <400> SEQUENCE: 11

266 gatgtgcagc tgggtggagtc tggggggaggc ttagtgcagc ctggagggtc ccggaaaactc 60

268 tcctgtgcag cctctggatt cactttcagt agctttgcaa tgcactgggt tcgtcaggct 120

270 tcagagaagg ggctggagtg ggtcgcatac attagtagtg gcagttattac catctctat 180

272 gcagacacag tgaagggccg attcaccgtc tccagagaca atcccaagag caccctgttc 240

274 ctgcaaataa ccagtctaag gtctgaggac acggccatgt attactgtgc aagagacgac 300

276 tacggtagta gcgggtggta cttcgatgtc tggggcgagc ggaccacggt caccgtctcc 360

278 tca 363

281 <210> SEQ ID NO: 12

282 <211> LENGTH: 350

283 <212> TYPE: DNA

284 <213> ORGANISM: mouse

286 <400> SEQUENCE: 12

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289 atgagctgca aatccagtc gagtctgtct aacagtagaa cccgaaagaa ctacttggct 120

291 tgggtaccagc agaaaccagg gcagttcctt aaactgctga tctactgggc atccactagg 180

293 gaatctgggg tccctgatcg cttcacaggc agtggatctg ggacagattt cacycctacc 240

295 atcagcagtg tgcaggctga agacctggca gtttattact gcacgcaatc ttataatctg 300

297 ctcacgttcg gtgctgggac caagctggaa ctgaatcggg ctgatgctgc 350

300 <210> SEQ ID NO: 13

301 <211> LENGTH: 410

302 <212> TYPE: DNA

303 <213> ORGANISM: mouse

305 <400> SEQUENCE: 13

306 gaggtccagc tgcagcagtc tggacctgaa ctagtgaaga ctggggcttc agtgaagata 60

308 tcctgcaagg cttctgatta ctcaactact gattactaca tgcactgggt caagcagagc 120

310 catggagaga gccttgagtg gattggatat attaattttt acaatgggtg tactaactac 180

312 aaccagaagt tcaagggcaa ggccacattt actgtagaca catcctccag cacagtctac 240

314 atgcagttca acagcctgac atctgaagac tctgcggtct attattgtgt aagagaagca 300

316 ttactacgga actatgctat ggactactgg ggtcaaggaa cctcagtcac cgtctcctca 360

318 gccaaaacga ccccccatc tgtctatcca ctggccccta ctagtgtctgc 410

321 <210> SEQ ID NO: 14

322 <211> LENGTH: 317

323 <212> TYPE: DNA

## RAW SEQUENCE LISTING

DATE: 02/10/2007

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TIME: 09:53:52

Input Set : A:\corrected 70235USPCT.ST25.txt.

Output Set: N:\CRF4\02102007\J544284B.raw

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324 <213> ORGANISM: mouse
326 <400> SEQUENCE: 14
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329 atgacctgca gggccagctc aagtgtagt tcccgttact tgcactggta ccagcagaag      120
331 tcaggtgcct cccccaact ctggatttat agcacatcca acttggcttc tggagtccct      180
333 gctcgcttca gtggcagtggt gtctgggacc tcttactctc tcacaatcag cagtgtggag      240
335 gctgaagatg ctgccactta ttactgccag caatacagtg gttacccgtg gacgttcggt      300
337 ggaggcacca agctgga                                     317
340 <210> SEQ ID NO: 15
341 <211> LENGTH: 374
342 <212> TYPE: DNA
343 <213> ORGANISM: mouse
345 <400> SEQUENCE: 15
346 gaagtgaagc ttgaggagtc tggaggaggc ttggtgcaac ctggaggatc catgagactc      60
348 tcctgtgttg cctctggatt cactttcagt aactactgga tgaactgggt ccgccagtct      120
350 ccagagaagg ggcttgagtg ggttgctgaa attagattga catctaataa ttttgcaaca      180
352 cattatgcgg agtctgtgaa agggagggtc accatctcaa gagatgattc caaaagtagt      240
354 gtctacctgc aaatgaacaa cttaagagct gaagacactg gcatttatta ctgtaccagg      300
356 ccttaactacg gtggtaggtt cttctactgg tacttcgatg tctggggcgc agggaccacg      360
358 gtcaccgtct cctc                                     374
361 <210> SEQ ID NO: 16
362 <211> LENGTH: 318
363 <212> TYPE: DNA
364 <213> ORGANISM: mouse
366 <400> SEQUENCE: 16
367 gaaattgtgc tcacccagtc tccaaccacc atggctgcat ctcccgggga gaagatcact      60
369 atcacctgca gtgccagctc aagtataagt tccaattact tgcattggta tcagcagaag      120
371 ccaggattct cccctaaact cttgatttat aggacatcca atctggcttc tggagtccca      180
373 gttcgcttca gtggcagtggt gtctgggacc tcttactctc tcacaattgg caccatggag      240
375 gctgaagatg ttgccactta ctactgccag cagggttaata gtataaccatt cacgttcggc      300
377 tcggggacaa agctcgag                                     318
380 <210> SEQ ID NO: 17
381 <211> LENGTH: 134
382 <212> TYPE: PRT
383 <213> ORGANISM: artificial sequence
385 <220> FEATURE:
386 <223> OTHER INFORMATION: anti-K99 heavy chain variable region
388 <400> SEQUENCE: 17
390 Ala Thr Ser Glu Val Gln Leu Val Glu Ser Gly Gly Gly Phe Val Lys
391 1 5 10 15
394 Pro Gly Gly Ser Leu Lys Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe
395 20 25 30
398 Ser Asp Tyr Phe Met Ser Trp Ile Arg Gln Thr Pro Glu Lys Arg Leu
399 35 40 45
402 Glu Trp Val Ala Thr Ile Asn Asn Gly Gly Ser His Thr Tyr Cys Ser
403 50 55 60
406 Asp Asn Val Lys Gly Arg Phe Thr Thr Phe Arg Asp Asn Val Lys Asn
407 65 70 75 80
410 Thr Leu Tyr Leu Gln Met Ser Ser Leu Asn Phe Glu Asp Thr Ala Met

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/544,284B

DATE: 02/10/2007  
TIME: 09:53:53

Input Set : A:\corrected 70235USPCT.ST25.txt  
Output Set: N:\CRF4\02102007\J544284B.raw

*FYI*  
Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:18; Xaa Pos. 225,226

Seq#:80; Xaa Pos. 2

VERIFICATION SUMMARY

DATE: 02/10/2007

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TIME: 09:53:53

Input Set : A:\corrected 70235USPCT.ST25.txt

Output Set: N:\CRF4\02102007\J544284B.raw

L:498 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:224

L:1890 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80 after pos.:0